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ABSTRACT

A ceiling diffuser that can be retrofit into an existing ceiling. Angled blocks are installed between the existing joists. The diffuser comprises a layered structure of sheetrock, sound deadening material, high frequency sound absorptive material and angled blocks. A plurality of diffuser elements may be installed between the joints. The diffuser is installed such that it is symmetrical on the right and left side of a virtual centerline. The angled blocks come together to form a "v" or inverted "v" at the centerline.